If you are using a printed copy of this procedure, and not the on-screen version, then you <u>MUST</u> make sure the dates at the bottom of the printed copy and the on-screen version match.

The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.

Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ

Training Office, Bldg. 911A

## C-A OPERATIONS PROCEDURES MANUAL

#### **ATTACHMENT**

4.120.4.b 4 O'Clock (PEER 9) Gate Tests from MCR

C-A-OPM Procedures in which this Attachment is used.					
4.120.4					

## **Hand Processed Changes**

HPC No.	<u>Date</u>	Pag	ge Nos.	<u>Initials</u>	
		<u>Signatur</u> Collider-Accelerat		 nairman	Date

# 4.120.4.b 4 O'Clock (PEER 9) Gate Tests from MCR

# PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:	Checksum:
Division B Software Filename and Checksum: Title:	Checksum:
<u>Initial testing complete</u> :	
Test Team Leader's Name (Print):	Life Number:
Test Team Leader's Name (Sign):	Date://
Acceptance test procedure complete (following repairs and retesting if required):	
Test Team Leader's Name (Print):	Life Number:
Test Team Leader's Name (Sign):	Date://
Test Team Deader 5 Tame (5.1817)	
Test results reviewed by:	
Safety Section Head's Name (Print):	Life Number:
	<b>.</b>
Safety Section Head's Name (Sign):	Date:/
Test results accepted by Radiation Safety Committee:	
RSC Member's Name (Print):	Life Number:
RSC Member's Name (Sign):	Date:/

1.1 CONDUCT Visual check on Peer 9 gates following Table-1, below

CONE	Micro		Elec	Gate			ate Functio	ons	Verify	Inspn
Gate	Align	Opern	Wiring	Box	Lights	Open	Self- Closing	Latch	all x's Corr.	O.K. Init.
3GI1I										
3GI10										
3EL1										
4MD1										
4GE1										
4MD2										
4GE2										
4GI1I										
4GI10										
4EL1										
4GE3										
4ED1										
5GS1I										
5GS10										

**Legend:** Tick = O.K. x = Problem N/A = Not Applicable

**Table 1: Summary of Physical Inspection of Peer 9 Gates** 

### 1.2 Test of INNER GATE at 3GI1

	VERIFY	INNER Gate at 3GI1 has been inspected	
	VERIFY	PEER 11 is in Restricted Access	MODE 8
	PLACE	PEER 9 in Controlled Access (MODE 16)	
	VERIFY	PEER 9 is in Controlled Access	<b>MODE 16</b>
	VERIFY	The warning lights and LED message: Stop Call	
		MCR for Access X-7400 Stop on both sides of the	ON
		gate are	
	VERIFY	The gate box <b>Controlled Access</b> light is	ON
	VERIFY	Attempt to open 3GI1 with Simultaneous Release	FAIL
		and #10 CA Key	
	VERIFY	Attempt to open 3GI1 with Blue card	FAIL
	VERIFY	Attempt to open <b>3GI1</b> with <b>Expt card</b>	<b>FAIL</b>
	VERIFY	During attempt with Expt. Card Reader light is	Red
	OPEN	Gate 3GI1 with Simultaneous Release and #11 RF	
		SweepKey	
	VERIFY	Simultaneous Release Buzzer	SOUNDS
	VERIFY	Gate <b>3GI1</b> is	OPEN
П	VERIFY	MCD soos the gete is	OPEN
ш	VERIF I	MCR sees the gate is	OFEN

		SECURE HOLD	The Electric Strike micro switch Both of the gate micro switches	MADE MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div A micro switch MCR sees <b>Div A</b>	OPEN
		VERIFY HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div B micro switch	
		VERIFY	MCR sees Div B	OPEN
		HOLD	Both of the gate micro switches	MADE
		VERIFY RELEASE	MCR sees the gate is The Electric Strike micro switch	CLOSED
		VERIFY	MCR sees the gate is	OPEN
	ш	CLOSE	The gate	
		VERIFY	MCR sees the gate is	CLOSED
		VERIFY	The <b>4Z1</b> gate box Gate Reset light is	OFF
		RESET	The gate with #11 RF Sweep key at 3GI1 inner gate	
	П	VERIFY	box MCR sees the gate is	RESET
		VERIFY	The <b>4Z1</b> gate box Gate Reset light is	ON
	Ш	OPEN	The gate	011
		VERIFY	MCR sees the gate is	OPEN
		VERIFY	The <b>4Z1</b> gate box Gate Reset light is	OFF
		CLOSE	The gate	
		CHECK	for test assertings of INNED CATE at 2011	
1.3	□ Test	OUTER GAT		
1.3	Test	OUTER GAT PLACE	TE at 3GI1: PEER 9 in Controlled Access (MODE 16)	MODE 16
1.3	<b>Test</b> □	OUTER GAT PLACE VERIFY	TE at 3GI1: PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access	MODE 16
1.3	Test	OUTER GAT PLACE	TE at 3GI1: PEER 9 in Controlled Access (MODE 16)	MODE 16 ON
1.3	<b>Test</b> □	OUTER GAT PLACE VERIFY VERIFY OPEN	TE at 3GI1:  PEER 9 in Controlled Access (MODE 16)  PEER 9 is in Controlled Access  The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER  The gate	ON
1.3	<b>Test</b> □	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY	TE at 3GI1: PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is	ON OPEN
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE	TE at 3GI1: PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is The Electric Strike micro switch	ON OPEN MADE
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD	TE at 3GI1: PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is The Electric Strike micro switch Both of the gate micro switches	ON OPEN MADE MADE
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE	TE at 3GI1: PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is The Electric Strike micro switch	ON OPEN MADE
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD VERIFY	TE at 3GI1: PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is The Electric Strike micro switch Both of the gate micro switches MCR sees the gate is	ON OPEN MADE MADE
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD VERIFY RELEASE VERIFY HOLD	TE at 3GI1:  PEER 9 in Controlled Access (MODE 16)  PEER 9 is in Controlled Access  The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER  The gate  MCR sees the gate is  The Electric Strike micro switch  Both of the gate micro switches  MCR sees the gate is  Div A micro switch  MCR sees Div A  Both of the gate micro switches	ON OPEN MADE MADE CLOSED OPEN MADE
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD VERIFY RELEASE VERIFY HOLD VERIFY	PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is The Electric Strike micro switch Both of the gate micro switches MCR sees the gate is Div A micro switch MCR sees Div A Both of the gate micro switches MCR sees the gate is	ON OPEN MADE MADE CLOSED OPEN
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE	TE at 3GI1:  PEER 9 in Controlled Access (MODE 16)  PEER 9 is in Controlled Access  The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER  The gate  MCR sees the gate is  The Electric Strike micro switch  Both of the gate micro switches  MCR sees the gate is  Div A micro switch  MCR sees Div A  Both of the gate micro switches  MCR sees the gate is  Div B micro switch	ON OPEN MADE MADE CLOSED OPEN MADE CLOSED
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE VERIFY	TE at 3GI1:  PEER 9 in Controlled Access (MODE 16)  PEER 9 is in Controlled Access  The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER  The gate  MCR sees the gate is  The Electric Strike micro switch  Both of the gate micro switches  MCR sees the gate is  Div A micro switch  MCR sees Div A  Both of the gate micro switches  MCR sees the gate is  Div B micro switch  MCR sees Div B	ON  OPEN MADE MADE CLOSED  OPEN MADE CLOSED  OPEN
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE	PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is The Electric Strike micro switch Both of the gate micro switches MCR sees the gate is Div A micro switch MCR sees Div A Both of the gate micro switches MCR sees the gate is Div B micro switch MCR sees Div B Both of the gate micro switches	ON OPEN MADE MADE CLOSED OPEN MADE CLOSED
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE VERIFY HOLD	TE at 3GI1:  PEER 9 in Controlled Access (MODE 16)  PEER 9 is in Controlled Access  The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER  The gate  MCR sees the gate is  The Electric Strike micro switch  Both of the gate micro switches  MCR sees the gate is  Div A micro switch  MCR sees Div A  Both of the gate micro switches  MCR sees the gate is  Div B micro switch  MCR sees Div B	ON  OPEN MADE MADE CLOSED  OPEN MADE CLOSED  OPEN MADE
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE VERIFY	PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is The Electric Strike micro switch Both of the gate micro switches MCR sees the gate is Div A micro switch MCR sees Div A Both of the gate micro switches MCR sees the gate is Div B micro switch MCR sees Div B Both of the gate micro switches MCR sees the gate is The Electric Strike micro switch MCR sees the gate is The Electric Strike micro switch MCR sees the gate is	ON  OPEN MADE MADE CLOSED  OPEN MADE CLOSED  OPEN MADE
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE VERIFY HOLD VERIFY	PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is The Electric Strike micro switch Both of the gate micro switches MCR sees the gate is Div A micro switch MCR sees Div A Both of the gate micro switches MCR sees the gate is Div B micro switch MCR sees Div B Both of the gate micro switches MCR sees the gate is The Electric Strike micro switch MCR sees the gate is The Electric Strike micro switch MCR sees the gate is The gate	ON  OPEN MADE MADE CLOSED  OPEN MADE CLOSED  OPEN MADE CLOSED  OPEN MADE CLOSED
1.3	Test	OUTER GAT PLACE VERIFY VERIFY OPEN VERIFY SECURE HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE VERIFY	PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is The Electric Strike micro switch Both of the gate micro switches MCR sees the gate is Div A micro switch MCR sees Div A Both of the gate micro switches MCR sees the gate is Div B micro switch MCR sees Div B Both of the gate micro switches MCR sees the gate is The Electric Strike micro switch MCR sees the gate is The Electric Strike micro switch MCR sees the gate is	ON  OPEN MADE MADE CLOSED  OPEN MADE CLOSED  OPEN MADE CLOSED

☐ CHECK for test acceptance of OUTER GATE at 3GI1

1.4	Гest ESCAPE DC	OOR at 3EL1:		
		VERIFY	<b>Door</b> has been inspected	
		VERIFY	The door cannot be opened from	OUTSIDE
		PLACE	PEER 9 in Controlled Access (MODE 16)	
		VERIFY	PEER 9 is in Controlled Access	<b>MODE 16</b>
	_			
		OPEN	The door	
		VERIFY	MCR sees the door is	OPEN
		<b>SECURE</b>	The Security Bar micro switch	MADE
		HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div A door micro switch	
		VERIFY	MCR sees <b>Div A</b>	OPEN
		HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div B door micro switch	
		VERIFY	MCR sees <b>Div B</b>	OPEN
		HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the door is	CLOSED
		RELEASE	The Security Bar micro switch	
		VERIFY	MCR sees the door is	OPEN
		CLOSE	The door and latch the Security Bar	0.77
		VERIFY	The <b>3EL1</b> Door Reset light is	OFF
	_	RESET	The Door with #11 RC Sweep key at 3EL1 gate box	DECEM
		VERIFY	MCR sees the <b>3EL1</b> door is	RESET
		VERIFY	The <b>3EL1</b> Door Reset light is	ON
	_	OPEN	The door	OPEN
		VERIFY	MCR sees the door is	OPEN
		VERIFY	The <b>3EL1</b> gate box Gate Reset light is	OFF
	_	CLOSE	The door and latch the <b>Security Bar</b>	CI OSED
		VERIFY	MCR sees the door is	CLOSED
		VERIFY	The <b>3EL1</b> gate box Gate Reset light is	OFF
		СНЕСК	for test acceptance of <b>ESCAPE DOOR</b> at <b>3EL1</b>	
1.5	Test of TRENO			
		VERIFY	Gate has been inspected	
	_	PLACE	PEER 9 in Controlled Access (MODE 16)	MODE 16
		VERIFY	PEER 9 is in Controlled Access	MODE 16
		OPEN	The gate  MCP sees the gate is	ODEN
		VERIFY	MCR sees the gate is	OPEN
		HOLD VERIFY	Both gate micro switches	MADE CLOSED
			MCR sees the gate is Div A micro switch	CLUSED
	П	RELEASE VERIFY	MCR sees <b>Div A</b>	OPEN
		HOLD	Both gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
	Ц	RELEASE	Div B micro switch	CLOGED
		VERIFY	MCR sees <b>Div B</b>	OPEN
	Ц	CLOSE	The gate	O. 11.1
		VERIFY	MCR sees the gate is	CLOSED
		VERIFY	The gate box Gate Reset light is	OFF
		RESET	The gate with #11 RF Sweep key	
		VERIFY	MCR sees the gate is	RESET

		VERIFY OPEN	The gate box Gate Reset light is The gate	ON
		VERIFY	MCR sees the gate is	OPEN
		VERIFY	The gate box Gate Reset light is	OFF
		CLOSE	The gate	OH
		CLOSE	The Built	
		CHEC	K for test acceptance of TRENCH GATE at 4MD1	
1.6	Test of ENTR	Y GATE at 4	GE1	
		VERIFY	INNER Gate at 4GE1 has been inspected	
		PLACE	PEER 9 in Controlled Access (MODE 16)	
		VERIFY	PEER 9 is in Controlled Access	MODE 16
		VERIFY	The warning lights and LED message: Stop Call	
			MCR for Access X-7400 Stop on inside of the gate is	0.17
		X/EDIEX/	The Enterior acts have Controlled Access light in	ON ON
		VERIFY OPEN	The Exterior gate box Controlled Access light is Gate 4GE1 with Simultaneous Release and #10 RF	ON
		OPEN	Sweep Key	
		VERIFY	Simultaneous Release Buzzer	SOUNDS
		VERIFY	Gate <b>4GE1</b> is	OPEN
		VERIFY	MCR sees the gate is	OPEN
		<b>SECURE</b>	The Electric Strike micro switch	MADE
		HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div A micro switch	
		VERIFY	MCR sees Div A	OPEN
		HOLD	Both of the gate micro switches	MADE
		VERIFY RELEASE	MCR sees the gate is Div B micro switch	CLOSED
		VERIFY	MCR sees <b>Div B</b>	OPEN
		HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	The Electric Strike micro switch	
		VERIFY	MCR sees the gate is	OPEN
		CLOSE	The gate	
		VERIFY	MCR sees the gate is	CLOSED
		RESET	The gate with #11 RF Sweep key at the interior gate	
	П	VEDIEV	box MCP goes the gote is	RESET
		VERIFY VERIFY	MCR sees the gate is The <b>4GE1</b> gate box Gate <b>Reset</b> light is	ON
		OPEN	The gate	ON
		VERIFY	MCR sees the gate is	OPEN
		VERIFY	The <b>4GE1</b> gate box Gate <b>Reset</b> light is	OFF
		CLOSE	The gate	
		PLACE	PEER 9 in Restricted Access (Mode 8)	
		VERIFY	PEER 9 is in Restricted Access	MODE 8
		VERIFY	The Exterior gate box Restricted Access light is	ON
	_	VERIFY	The warning lights and LED message: Access	
			Permitted is	OFF
		VERIFY	Attempt to <b>open</b> gate <b>4GE1</b> with <b>S</b> key is	SUCCESSFUL
		VERIFY	Attempt to open gate 4GE1 with #10 key is	SUCCESSFUL

	<b>VERIFY</b>	Attempt to open 3GI1 with Blue card	SUCCESSFUL
	VERIFY	Attempt to open <b>3GI1</b> with <b>Exptcard</b>	FAIL
	VERIFY	<b>During</b> attempt with <b>Expt. Card</b> Reader <b>light</b> is	RED
	CLOSE	Gate 4GE1	
	PLACE	PEER 9 in Safe Access (Mode 2)	
	VERIFY	PEER 9 is in Safe Access	MODE 2
	VERIFY	The <b>Exterior</b> gate box <b>Controlled Access</b> light is	ON
	VERIFY	The warning lights and LED message: <b>Stop Call</b>	ON
	VEDIEV	MCR for Access X-7400 Stop on inside of the gate is	ON
	VERIFY	Attempt to open gate 4GE1 with Simultaneous Release and S Key	FAIL
	OPEN	Gate 4GE1 with Simultaneous Release and #11 RF	
		Sweep Key	
	VERIFY	Gate 4GE1 is	OPEN
	CLOSE	Gate 4GE1	
С	CHECK 1	For test acceptance of ENTRY GATE at 4GE1	
1.7 Test of TREN	ICH GATE at	4MD2	
	<b>VERIFY</b>	Gate has been inspected	
	PLACE	PEER 9 in Controlled Access (MODE 16)	
	<b>VERIFY</b>	PEER 9 is in Controlled Access	<b>MODE 16</b>
	OPEN	The gate	
	VERIFY	MCR sees the gate is	OPEN
	HOLD	Both gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	
	VERIFY	MCR sees <b>Div A</b>	OPEN
	HOLD	Both gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
_	RELEASE	Div B micro switch	ODEN
	VERIFY	MCR sees Div B	OPEN
	CLOSE	The gate	CLOSED
	VERIFY	MCR sees the gate is	CLOSED OFF
	VERIFY	The gate box Gate Reset light is	OFF
	RESET VERIFY	The gate with #11 RF Sweep key MCR sees the gate is	RESET
Ц	VERIF I	Wex sees the gate is	KESE I
	VERIFY	The gate box Gate Reset light is	ON
	OPEN	The gate	
	VERIFY	MCR sees the gate is	OPEN
	VERIFY	The gate box Gate Reset light is	OFF
	CLOSE	The gate	
[	<b>СНЕСК</b>	for test acceptance of TRENCH GATE at 4MD2	

1.8	_	NTRY GATE VERIFY	at 4GE2 ENTRY Gate at 4GE2 has been inspected	
		PLACE	PEER 9 in Controlled Access (MODE 16)	
		VERIFY	PEER 9 is in Controlled Access	MODE 16
		VERIFY	The warning lights and LED message: Stop Call	
			MCR for Access X-7400 Stop on inside of the gate is	ON
		<b>VERIFY</b>	The Exterior gate box Controlled Access light is	ON
		OPEN	Gate 4GE2 with Simultaneous Release and #10 RF CA Key	
		VERIFY	Simultaneous Release Buzzer	SOUNDS
		VERIFY	Gate 4GE2 is	OPEN
		VERIFY	MCR sees the gate is	OPEN
		<b>SECURE</b>	The Electric Strike micro switch	MADE
		HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div A micro switch	
		VERIFY	MCR sees <b>Div A</b>	OPEN
		HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div B micro switch	
		VERIFY	MCR sees <b>Div B</b>	OPEN
		HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	The Electric Strike micro switch	
		VERIFY	MCR sees the gate is	OPEN
		CLOSE	The gate	
		VERIFY	MCR sees the gate is	CLOSED
		VERIFY	The gate box Gate Reset light is	OFF
	_	RESET	The gate with #11 RF Sweep key at 4GE2 gate box	
		VERIFY	MCR sees the gate is	RESET
		VERIFY	The <b>4GE2</b> gate box Gate Reset light is	ON
	_	OPEN	The gate	
		VERIFY	MCR sees the gate is	OPEN
		VERIFY	The <b>4GE2</b> gate box Gate Reset light is	OFF
	Ш	CLOSE	The gate	011
		PLACE	PEER 9 in Restricted Access (Mode 8)	
			PEER 9 is in Restricted Access	MODE 9
		VERIFY		MODE 8
		VERIFY	The Exterior gate box Restricted Access light is	ON
		VERIFY	The warning lights and LED message: <b>Access Permitted</b> is	ON
		VERIFY	Attempt to <b>open</b> Gate <b>4GE2</b> with <b>S</b> key is	SUCCESSFUL
		VERIFY	Attempt to open Gate 4GE2 with #10 RF CA key is	SUCCESSFUL
		VERIFY	Attempt to open 4GE2 with Blue card is	SUCCESSFUL
		VERIFY	Attempt to open <b>4GE2</b> with <b>Expt.</b> card	FAIL
		VERIFY	During attempt with Expt. Card Reader light is	RED
				KLD
		PLACE	PEER 9 in Safe Access (Mode 2)	
		VERIFY	PEER 9 is in Safe Access	MODE 2
		VERIFY	The Exterior gate box Controlled Access light is	ON
		<b>VERIFY</b>	The warning lights and LED message: Stop Call	
			MCR for Access X-7400 Stop on inside of the gate	ON
		OPER	is G., AGEA : A G. H. D. L. G.K.	
		OPEN	Gate 4GE2 with Simultaneous Release and S Key	
)DI		120 1 b (V)	O	Davision (

		VERIFY	Attempt to open gate 4GE2 with Simultaneous Release and S Key	FAIL
		OPEN	Gate 4GE2 with Simultaneous Release and #10 RF CA Key	
		VERIFY	Gate 4GE2 is	OPEN
		CLOSE	Gate 4GE2	
		СНЕСЬ	X for test acceptance of ENTRY GATE at 4GE2	
1.9 Test of INN	ER GA	ATE at 4GI1		
		VERIFY	INNER Gate at 4GI1 has been inspected	
		PLACE	PEER 9 in Controlled Access (MODE 16)	
		VERIFY	PEER 9 is in Controlled Access	MODE 16
		VERIFY	The warning lights and LED message: <b>Stop Call MCR for Access X-7400 Stop</b> on both sides of the	ON
		VERIFY	gate are The <b>4Z2</b> gate box <b>Controlled Access</b> light is	ON
		VERIFY	Attempt to open 4GI1from 4Z2 with Simultaneous Release and S Key	FAIL
		VERIFY	Attempt to open 4GI1 with Blue card	<b>FAIL</b>
		<b>VERIFY</b>	Attempt to open <b>4GI1</b> with <b>Exptcard</b>	<b>FAIL</b>
		VERIFY	<b>During</b> attempt with <b>Expt. Card</b> Reader <b>light</b> is	RED
		OPEN	Gate 4GI1 from 4Z2 with Simultaneous Release and #11 RF SweepKey	
		VERIFY	Simultaneous Release Buzzer	SOUNDS
		VERIFY	Gate <b>4GI1</b> is	OPEN
		VERIFY	MCR sees the gate is	OPEN
		SECURE	The Electric Strike micro switch	MADE
	П	HOLD VERIFY	Both of the gate micro switches MCR sees the gate is	MADE CLOSED
		RELEASE	Div A micro switch	CLOSED
		VERIFY	MCR sees Div A	OPEN
	П	HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
	_	RELEASE	Div B micro switch	
		VERIFY	MCR sees <b>Div B</b>	OPEN
		HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	The Electric Strike micro switch	
		VERIFY	MCR sees the gate is	OPEN
		CLOSE	The gate	GT OGER
		VERIFY	MCR sees the gate is	CLOSED
		VERIFY	The <b>4Z1</b> gate box Gate Reset light is	OFF
		RESET	The gate with #11 RF Sweep key at 4Z1 inner gate box	
		VERIFY	MCR sees the gate is	RESET
		VERIFY	The <b>4Z1</b> gate box Gate Reset light is	ON
	П	OPEN	The gate	011
		VERIFY	MCR sees the gate is	OPEN
		VERIFY	The <b>4Z1</b> gate box Gate Reset light is	OFF
	_	CLOSE	The gate	
	П	VERIFY	The <b>4Z2</b> gate box Gate Reset light is	OFF
		RESET	The gate with #11 RF Sweep key at 4Z2 outer gate	OFF
		III)III	box	

		VERIFY VERIFY OPEN	MCR sees the gate is The <b>4Z2</b> gate box Gate Reset light is The gate	RESET ON
		VERIFY VERIFY CLOSE PLACE	MCR sees the gate is The 4Z2 gate box Gate Reset light is The gate PEER 9 in Restricted Access (Mode 8)	OPEN OFF
	0 0 0	VERIFY VERIFY VERIFY VERIFY	PEER 9 is in Restricted Access The 4Z2 gate box Restricted Access light is The LED message: Access Permitted is Attempt to open Gate 4GI1 from 4Z2 with S key is Attempt to open Gate 4GI1 with #11 RF Sweep key	MODE 8 ON ON SUCCESSFUL
		VERIFY CLOSE	Attempt to <b>open</b> Gate <b>4GI1</b> with <b>Blue Card</b> is Gate <b>4GI1</b>	SUCCESSFUL SUCCESSFUL
		PLACE	PEER 9 in Safe Access (Mode 2)	
		VERIFY VERIFY VERIFY	PEER 9 is in Safe Access The 4Z2 gate box Controlled Access light is The warning lights and LED message: Stop Call MCR for Access X-7400 Stop on both sides of the	MODE 2 ON ON
		OPEN VERIFY	gate are Gate 4GI1 with Simultaneous Release and S Key Attempt to open gate 4GI1 with Simultaneous Release and S Key	FAIL
		VERIFY	Attempt to open Gate 4GI1 with Simultaneous Release and #11 RF Sweep key is	SUCCESSFUL
		CLOSE CHECK	Gate 4GI1  K for test acceptance of INNER GATE at 4GI1	
1.10	Гest OUTER (	GATE at 4GI	1.	
1.10	rest of the	PLACE	PEER 9 in Controlled Access (MODE 16)	
		VERIFY VERIFY	PEER 9 is in Controlled Access The warning lights and LED message: Stop Call MCR for Access X-7400 Stop on both sides of the	MODE 16
		0.555	gate are	ON
		OPEN VERIFY SECURE HOLD	The gate MCR sees the gate is The Electric Strike micro switch Both of the gate micro switches	OPEN MADE MADE
		<b>VERIFY</b>	MCR sees the gate is	CLOSED
		RELEASE VERIFY	Div A micro switch MCR sees <b>Div A</b>	OPEN
		HOLD	Both of the gate micro switches	MADE
		VERIFY RELEASE	MCR sees the gate is Div B micro switch	CLOSED
		VERIFY	MCR sees <b>Div B</b>	OPEN MADE
		HOLD VERIFY	Both of the gate micro switches MCR sees the gate is	MADE CLOSED
		RELEASE VERIFY	The Electric Strike micro switch MCR sees the gate is	OPEN
		CLOSE	The gate	
		VERIFY	MCR sees the gate is	CLOSED
		CHECE	If for test acceptance of OUTER GATE at 4GI1	

1.11 Test ESCAPE DOOR at 4EL1:						
	$\Box$ VERIFY	<b>Door</b> has been inspected				
	□ VERIFY	Door cannot be opened from	OUTSIDE			
	PLACE	PEER 9 in Controlled Access (MODE 16)	OCIDIDE			
		PEER 9 is in Controlled Access	MODE 16			
			MODE 10			
	□ VERIFY	The door cannot be opened from the outside				
	OPEN	The door	OPEN			
	□ <b>VERIFY</b>	MCR sees the door is	OPEN			
	SECURE	The Security Bar micro switch	MADE			
	HOLD	Both of the door micro switches	MADE			
	$\Box$ VERIFY	MCR sees the gate is	CLOSED			
	RELEASE	Div A door micro switch				
	□ VERIFY	MCR sees <b>Div A</b>	OPEN			
	HOLD	Both of the door micro switches	MADE			
	□ <b>VERIFY</b>	MCR sees the gate is	CLOSED			
	RELEASE	Div B door micro switch	020022			
	□ VERIFY	MCR sees Div B	OPEN			
	HOLD	Both of the door micro switches	MADE			
	□ VERIFY	MCR sees the door is	CLOSED			
	RELEASE	The Security Bar micro switch				
	$\Box$ <b>VERIFY</b>	MCR sees the door is	OPEN			
	CLOSE	The door and latch the Security Bar				
	$\Box$ <b>VERIFY</b>	MCR sees the <b>4EL1</b> door is	CLOSED			
	$\Box$ VERIFY	The <b>4EL1</b> Door Reset light is	OFF			
	RESET	The Door with <b>#15 RC Sweep</b> key at <b>4EL1</b> gate box				
	□ VERIFY	MCR sees the <b>4EL1</b> door is	RESET			
	□ VERIFY	The <b>4EL1</b> Door Reset light is	ON			
	OPEN	The door	OIT			
	T. (T. ) T. (T. )		ODEN			
	□ VERIFY	MCR sees the door is	OPEN			
	□ VERIFY	The <b>4EL1</b> gate box Gate Reset light is	OFF			
	CLOSE	The door and latch the Security Bar				
☐ CHECK for test acceptance of ESCAPE DOOR at 4EL1						
1.12 Tes	t of ENTRY GATI	T at ACE3				
1.12 168	□ VERIFY	ENTRY Gate at 4GE3 has been inspected				
	PLACE	PEER 9 in Controlled Access (MODE 16)				
			MODE 16			
	□ VERIFY	PEER 9 is in Controlled Access	MODE 16			
	□ <b>VERIFY</b>	The warning lights and LED message: <b>Stop Call</b>				
		MCR for Access X-7400 Stop on inside of the gate	ON			
		is				
	$\Box$ <b>VERIFY</b>	The Exterior gate box Controlled Access light is	ON			
	OPEN	Gate 4GE3 with Simultaneous Release and #14 RC				
		CA Key				
	□ VERIFY	Simultaneous Release Buzzer	SOUNDS			
	□ VERIFY	Gate <b>4GE3</b> is	OPEN			
	□ VERIFY	MCR sees the gate is	OPEN			
	SECURE	The Electric Strike micro switch	MADE			
	HOLD	Both of the gate micro switches	MADE			
		MCR sees the gate is	CLOSED			
			CLUSED			
	RELEASE	Div A micro switch	ODEN			
	□ VERIFY	MCR sees Div A	OPEN			
	HOLD	Both of the gate micro switches	MADE			
	□ VERIFY	MCR sees the gate is	CLOSED			
	RELEASE	Div B micro switch				
	$\Box$ <b>VERIFY</b>	MCR sees <b>Div B</b>	OPEN			
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	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
	VERIFY	MCR sees the gate is	CLOSED
		•	
	PLACE	PEER 9 in Restricted Access (Mode 8)	
	VERIFY	PEER 9 is in Restricted Access	MODE 8
	VERIFY	The Exterior gate box Restricted Access light is	ON
	VERIFY	The warning lights and LED message: Access	011
Ш	V EXXII	Permitted is	ON
	VERIFY	Attempt to <b>open</b> gate <b>4GE3</b> with <b>S</b> key is	SUCCESSFUL
	VERIFY	Attempt to open Gate 4GE3 with #14 RC CA key is	SUCCESSFUL
	VERIFY	Attempt to open <b>4GE3</b> with <b>Blue card</b> is	SUCCESSFUL
	VERIFY	Attempt to open <b>4GE3</b> with <b>Expt card</b>	FAIL
	VERIFY	<b>During</b> attempt with <b>Expt. Card</b> Reader <b>light</b> is	RED
_			
	PLACE	PEER 9 in Safe Access (Mode 2)	
	VERIFY	PEER 9 is in Safe Access	MODE 2
	VERIFY	The Exterior gate box Controlled Access light is	ON
	VERIFY	The warning lights and LED message: Stop Call	
		MCR for Access X-7400 Stop on inside of the gate	ON
	OPEN	is	
_	OPEN	Gate 4GE3 with Simultaneous Release and S Key	
	VERIFY	Attempt to open gate 4GE3 with Simultaneous	EAT
	ODEN	Release and S Key	FAIL
	OPEN	Gate 4GE3 with Simultaneous Release and #14 RC CA Key	
	VERIFY	Gate 4GE3 is	OPEN
Ц	CLOSE	Gate 4GE3	OI LIV
		for test acceptance of ENTRY GATE at 4GE3	
	. 0222.022		
Test o	of EXIT DOO	R 4ED1	
	VERIFY	Gate has been inspected	
	VERIFY	The door cannot be opened from	OUTSIDE
П	PLACE	PEER 9 in Controlled Access (MODE 16)	0010121
	VERIFY	PEER 9 is in Controlled Access	MODE 16
П	VERIFY	The warning light <b>inside</b> the gate indicates:	
		CALL MCR FOR EXIT AMBER	ON
	OPEN	The door	
	VERIFY	MCR sees the door is	OPEN
	HOLD	Both of the door micro switches	MADE
	VERIFY	MCR sees the door is	CLOSED
	RELEASE	Div A door micro switch	
	VERIFY	MCR sees <b>Div A</b>	OPEN
	HOLD	Both of the door micro switches	MADE
	VERIFY	MCR sees the door is	CLOSED
	RELEASE	Div B door micro switch	
	VERIFY	MCR sees <b>Div B</b>	OPEN
	CLOSE	The door	GT OGED
	VERIFY	MCR sees the door is	CLOSED
	VERIFY	The Door Reset light is	OFF
_	RESET	The Door with #15 RC Sweep key at the gate box	DECET
	VERIFY	MCR sees the door is	RESET
	VERIFY	The Door Reset light is	ON
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		OPEN	The door				
		<b>VERIFY</b>	MCR sees the door is	<b>OPEN</b>			
		VERIFY	The gate box Gate Reset light is	OFF			
		CLOSE	The door				
		□ CHEC	CK for test acceptance of EXIT DOOR at 4ED1				
444 55 4 75		C. T	04				
1.14 Test 1		GATE at 5GS					
		VERIFY	Gate has been inspected  PEED 7 in Postvicted Access (Mode 8)				
		PLACE	PEER 7 in Restricted Access (Mode 8) PEER 7 is in Restricted Access	MODE 9			
		VERIFY PLACE		MODE 8			
		VERIFY	PEER 9 in Controlled Access (MODE 16) PEER 9 is in Controlled Access	MODE 16			
				MODE 10			
		VERIFY	The warning lights and LED message: <b>Stop Call MCR for Access X-7400 Stop</b> on both sides of the				
			gate are	OFF			
		OPEN	The gate	OFF			
		VERIFY	MCR sees the gate is	OPEN			
		CLOSE	The gate	OI LIV			
		VERIFY	MCR sees the gate is	CLOSED			
	_ [		K for test acceptance of INNER GATE at 5GS1				
1.15	Test	OUTER GA					
		PLACE	PEER 9 in Controlled Access (MODE 16)				
		VERIFY	PEER 9 is in Controlled Access	MODE 16			
		VERIFY	The warning lights on both sides of the gate indicate:				
		ODEN	CALL MCR FOR CROSSOVER AMBER	OFF			
	_	OPEN	The gate	ODEN			
		VERIFY	MCR sees the gate is	OPEN			
		CLOSE VERIFY	The gate MCR sees the gate is	CLOSED			
	_			CLOSED			
☐ CHECK for test acceptance of OUTER GATE at 5GS1							
			END OF TEST PROCEDURE				
TTL: Sign for	compl	etion of initia	l testing:				
			_				
			Date:	//_			
TTL: Sign for completion of final testing:							
			<b>Date:</b> /_	/			